



CERTIFICATE OF MAIL

I hereby certify that on March 14, 2005, this paper (along with any paper referred to as being attached or enclosed) is being deposited with the US Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Bruce Canter

PATENT

Applicant: David Lloyd Brown

Serial No.: 09/246,603

Filed: 02/08/1999

**Title: System for Locating
Inflamed Plaque in a Vessel**

EXAMINER: RUTH S. SMITH

Group Art Unit: 3737

Atty Docket No.: 14351-0202

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO NOTICE OF JANUARY 13, 2005

Dear Sir:

The Applicant submits the following Response to the Notice dated January 13, 2005 in the above referenced patent application.

Amendments to the Claims, which were submitted previously, are reprinted below for the Examiner's convenience and reflected in the listing of claims which begins on page 2 of this paper.

The Remarks begin on page 6 of this paper.